

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	ch-622059-\$.did. cn-1715617-a\$. did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/05 07:48
L2	1	"6481988".pn.	USPAT	OR	ON	2007/05/05 08:08
S1	1	10/548406.app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/05 07:48
S2	1	("5352295").PN.	USPAT	OR	ON	2007/05/01 14:19
S3	268	123/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:36
S4	358	418/259.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:19
S5	652	418/268.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 15:59
S6	108	418/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 16:37
S7	741	418/255.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:10

## EAST Search History

S8	307	418/82.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:11
S9	322	418/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:26
S10	4	SHARUDENKO.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/01 17:11
S11	124	(rotary or rotation or rotatable or rotatably or rotational) and (combustion near5 (slid\$3 near5 (vane\$1 or blade\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 07:59
S12	271	123/245.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 07:25
S13	65	(rotary or rotation or rotatable or rotatably or rotational) and (combustion near (slid\$3 near5 (vane\$1 or blade\$1 or piston\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:57
S14	675511	(rotary or rotation or rotatable or rotatably or rotational).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:02
S15	66971	rotor.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 07:59

## EAST Search History

S16	21025	(slid\$3 near5 (vane\$1 or blade\$1)). clm. (driving near2 member).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:00
S17	1908424	(pair two multiple).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:00
S18	891966	(inner interior inside).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:01
S19	738454	(outer exterior).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:02
S20	53167	((inner interior inside) near3 chamber).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:02
S21	20891	((outer exterior) near3 chamber). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:02
S22	17	S14 and S15 and S16 and S17 and S18 and S19 and S20 and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:05
S23	911176	rippl\$3 stippl\$3 rough\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:06

## EAST Search History

S24	242120	"418".clas. "123".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:07
S25	9647	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:07
S26	63206	(rotary or rotation or rotatable or rotatably or rotational) and ((slid\$3 near5 (vane\$1 or blade\$1 or piston\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:08
S27	666	S25 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:08
S28	267438	S23 near6 (housing casing surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:08
S29	128	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:16
S30	3	("1848754").URPN.	USPAT	OR	ON	2007/05/03 08:09
S31	4480683	resistance resist seal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:16
S32	114	S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:22

## EAST Search History

S33	63088	ripple	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:22
S34	2	S32 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:22
S35	70	(US-20060222543-\$ or US-20040071576-\$ or US-20030115900-\$ or US-20050008518-\$ or US-20050013718-\$ or US-20060171833-\$ or US-20060165542-\$ or US-20050191198-\$ or US-20030223900-\$).did. or (US-5586876-\$ or US-5322424-\$ or US-7008199-\$ or US-4990073-\$ or US-5102317-\$ or US-5314318-\$ or US-7128540-\$ or US-6974314-\$ or US-5152156-\$ or US-5242280-\$ or US-5375986-\$ or US-7000424-\$ or US-5542831-\$ or US-7134845-\$ or US-6796773-\$ or US-7101162-\$ or US-7101161-\$ or US-6203301-\$ or US-2073101-\$ or US-6910872-\$ or US-4722672-\$ or US-4726739-\$ or US-6616428-\$ or US-4764097-\$ or US-3200796-\$ or US-4235572-\$). did. or (US-5518381-\$ or US-5472327-\$ or US-0657826-\$ or US-5006051-\$ or US-6280168-\$ or US-4780067-\$ or US-5383773-\$ or US-5284426-\$ or US-5302095-\$ or US-5399076-\$ or US-0493844-\$ or US-2966898-\$ or US-3125031-\$ or US-3125032-\$ or US-3645653-\$ or US-1026992-\$ or US-0940817-\$ or US-0919058-\$ or US-1973670-\$ or US-1967957-\$ or US-1780109-\$ or US-6231319-\$ or US-4826408-\$). did. or (US-2538598-\$ or US-2462063-\$).did. or (JP-58107887-\$ or JP-57008385-\$ or JP-02227591-\$ or JP-05157084-\$ or JP-59147895-\$ or JP-02123295-\$ or JP-05202877-\$ or JP-02123296-\$ or JP-06257580-\$ or JP-06042485-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 09:11

## EAST Search History

S36	978988	combustion ignition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 09:11
S37	3	S35 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/03 09:11
S38	3	"830124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 08:48
S39	2	"0830124".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 08:48
S40	268	123/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S41	358	418/259.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S42	652	418/268.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S43	108	418/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56

## EAST Search History

S44	741	418/255.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S45	307	418/82.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S46	322	418/101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S47	271	123/245.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S48	2890	S41 S42 S45 S46 S43 S44 S40 S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:56
S49	63206	(rotary or rotation or rotatable or rotatably or rotational) and ((slid\$3 near5 (vane\$1 or blade\$1 or piston\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 12:57
S50	600	S48 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 14:14
S51	3591	f02b053/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 14:15

## EAST Search History

S52	2	fr-2798159-a\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 14:15
S53	997	f02b053/00.ipc. and (vane\$1 or blade\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/04 14:17
S54	7	("1899374"   "3181511"   "3230938").PN. OR ("4023540").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 15:51